

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Mark Labhart

GENERAL INFORMATION:

Name:	Actaris U.S. Gas Inc.
Address:	970 Hwy 127 North Owenton, KY 40359
Date application received:	4/20/2006
SIC Code/SIC description:	3824, Totalizing Fluid Meters and Counting Devices
Source ID:	21-187-00005
Agency Interest:	6265
Activity:	APE20060002
Permit:	F-07-058

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
<input type="checkbox"/> Administrative	<input type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Allowable (tpy)	Potential (tpy)
PM/PM ₁₀	0.17	--	7.4
SO ₂	0.14	--	0.34
NO _x	0.52	--	1.22
CO	0.07	--	0.17
VOC	3.4	≤ 90	137
Single HAPs			
Carbon Disulfide (75-15-0)	0.0	All Individual HAP ≤ 9.5	0.2
Carbonyl Sulfide (463-58-1)	0.0		0.02
Ethyl Benzene (100-41-4)	0.01		2.6
MIBK (108-10-1)	0.1		25.6
Styrene (100-42-5)	0.01		1.8
Toluene (108-88-3)	0.0		0.6
Xylene (1330-20-7)	0.5		30.3
Source wide HAPs	0.6	≤ 22.5	61.1

SOURCE DESCRIPTION:

Artaris manufactures gas meters. VOC and HAP emissions result from molding, curing, sealing, gluing, painting, and solvent cleaning. The source is potentially major for VOC, individual HAP, and combined HAPs.

The only significant sources of particulate matter (PM) are the painting and powder coating application. PM emissions from painting and powder coating are controlled by filters.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

The following emission limitations are source wide.

VOC emission limits have been accepted to preclude regulation applicability. Facility emissions of VOC during any consecutive 12 month period shall not exceed 90 tons.

HAP emission limits have also been accepted to preclude regulation applicability. Facility HAP emissions during any consecutive 12 month period shall not exceed 9.5 tons for each individual HAP and 22.5 tons for all combined HAPs.

OPERATIONAL FLEXIBILITY:

The source is not restricted as to hours of operation or quantity of product produced while remaining within the caps above.